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> [LeeKooLuu HD 1080P Night Vision IP69 Waterproof Clear View License Plate Camera Compatible LK10 System User Manual](#)

LeeKooLuu LK10 System Compatible License Plate Camera

LeeKooLuu HD 1080P Night Vision IP69 Waterproof Clear View License Plate Camera User Manual

Model: LK10 System Compatible License Plate Camera

Brand: LeeKooLuu

1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your LeeKooLuu HD 1080P Night Vision IP69 Waterproof Clear View License Plate Camera. Designed for compatibility with the LK10 System, this camera offers a high-definition 1080P video feed, excellent night vision capabilities, and robust IP69 waterproofing for reliable performance in various conditions. Please read this manual thoroughly before installation and use to ensure proper functionality and longevity of your device.

2. WHAT'S IN THE BOX

Upon opening the package, please verify that all components are present and in good condition. The standard package includes:

- 1 x LeeKooLuu HD 1080P License Plate Camera
- Necessary connection cables (e.g., RCA video cable, power cable) - *(Note: Specific cable types may vary, refer to packaging for exact details)*
- Mounting hardware (screws, nuts) - *(Note: Specific hardware may vary)*



Figure 2.1: LeeKooLuu HD 1080P License Plate Camera. This image shows the compact black camera unit integrated into a license plate frame bracket, featuring a central lens with a colorful reflection, and mounting holes on either side of the bracket.

3. PRODUCT SPECIFICATIONS

Feature	Detail
Video Capture Resolution	1080p
Optical Sensor Technology	CMOS Infrared
Optical Sensor Size	1/4 inch
Lens Type	Wide Angle
Waterproof Rating	IP69
Compatible Devices	Monitor (Suitable for 7-inch monitors)
Installation Type	Surface Mount
Connector Type	RCA
Product Dimensions	2 x 2 x 5 inches (5.08 x 5.08 x 12.7 cm)
Item Weight	5.3 ounces (150 grams)
Other Display Features	Wireless (implies wireless video transmission capability, though RCA connector is listed for wired connection)

4. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. It is recommended to have this camera installed by a professional if you are not familiar with vehicle electrical systems.

4.1. Pre-Installation Checklist

- Ensure your vehicle's power is off and the battery is disconnected before starting any electrical work.
- Confirm you have all necessary tools: screwdriver set, wire strippers, electrical tape, zip ties, multimeter (optional).
- Identify the location for mounting the camera (typically above the license plate).
- Identify the location for your monitor (if not already installed) and the routing path for the video cable.

4.2. Installation Steps

1. **Mount the Camera:** Secure the license plate camera to your vehicle, typically using the existing license plate screws or provided mounting hardware. Ensure the camera lens has a clear, unobstructed view of the area behind your vehicle.
2. **Connect Power:**
 - Locate your vehicle's reverse light wiring. The camera's red power wire should be connected to the positive (+) wire of the reverse light. This allows the camera to power on automatically when the vehicle is put into reverse.
 - Connect the camera's black ground wire to a suitable metal chassis ground point on your vehicle.
3. **Route Video Cable:** Carefully route the RCA video cable from the camera's location to the location of your monitor. Ensure the cable is tucked away safely, avoiding moving parts, sharp edges, or areas exposed to excessive heat.
4. **Connect to Monitor:** Connect the RCA video cable from the camera to the video input (usually labeled "CAM IN" or

"REAR CAM") on your compatible monitor.

5. **Test System:** Reconnect your vehicle's battery. Turn on the ignition and put the vehicle into reverse (with the parking brake engaged for safety). The camera image should appear on your monitor. Adjust the camera angle if necessary.

Important: For wireless functionality, an additional wireless transmitter/receiver kit (sold separately or integrated into your LK10 system) may be required. Refer to the instructions for your specific LK10 system or wireless kit for detailed setup of wireless video transmission.

5. OPERATING INSTRUCTIONS

The LeeKooLuu License Plate Camera is designed for simple, automatic operation when properly installed.

5.1. Basic Operation

- **Automatic Activation:** When your vehicle is shifted into reverse gear, the camera will automatically power on and transmit its video feed to the connected monitor.
- **Viewing the Feed:** The monitor will display the live video feed from the camera, providing a clear view of the area behind your vehicle. This assists in parking, backing up, and avoiding obstacles.
- **Night Vision:** The integrated CMOS Infrared sensor technology provides enhanced visibility in low-light conditions, ensuring a clear view even at night.
- **Deactivation:** When your vehicle is shifted out of reverse gear, the camera will automatically power off, and the monitor will return to its previous display mode (if applicable).

5.2. Tips for Use

- Always check your surroundings using mirrors and direct observation in addition to the camera display. The camera is an aid, not a replacement for safe driving practices.
- Be aware of the camera's wide-angle lens, which can sometimes distort distances. Objects may appear further away than they actually are.
- Keep the camera lens clean for the clearest possible image.

6. MAINTENANCE AND CARE

Regular maintenance ensures the longevity and optimal performance of your LeeKooLuu camera.

- **Cleaning the Lens:** Periodically clean the camera lens with a soft, damp cloth. Avoid abrasive cleaners or materials that could scratch the lens.
- **Check Connections:** Occasionally inspect all cable connections (power and video) to ensure they are secure and free from corrosion or damage.
- **Inspect Mounting:** Verify that the camera remains securely mounted to your vehicle. Tighten any loose screws if necessary.
- **Weather Protection:** While the camera is IP69 waterproof, extreme weather conditions (e.g., heavy snow, ice buildup) can temporarily obscure the lens. Clear any obstructions before use.

7. TROUBLESHOOTING

If you encounter issues with your camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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No image on monitor when in reverse.	<ul style="list-style-type: none"> Loose or incorrect power connection. Loose or damaged video cable. Monitor input not selected or faulty. Blown fuse in vehicle's reverse light circuit. 	<ul style="list-style-type: none"> Check power connections to reverse light and ground. Ensure RCA cable is securely connected at both ends. Verify monitor is set to the correct video input. Check vehicle's fuse box for reverse light fuse.
Image is distorted, flickering, or poor quality.	<ul style="list-style-type: none"> Dirty camera lens. Interference from other electrical components. Damaged video cable. Insufficient power supply. 	<ul style="list-style-type: none"> Clean the camera lens. Ensure video cable is routed away from power lines or ignition components. Inspect video cable for kinks or cuts. Replace if damaged. Verify stable 12V power supply to the camera.
Night vision is not clear or effective.	<ul style="list-style-type: none"> Lens obstruction. Insufficient ambient light for IR sensors. Faulty IR sensors. 	<ul style="list-style-type: none"> Clean the lens thoroughly. Ensure no objects are blocking the camera's view. If problem persists, contact customer support.

If the problem persists after trying these solutions, please contact LeeKooLuu customer support for further assistance.

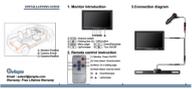
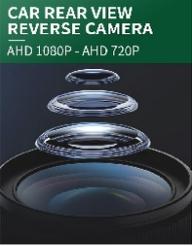
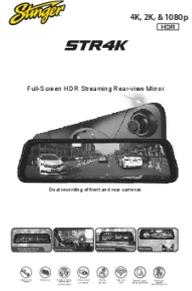
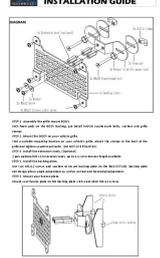
8. WARRANTY AND CUSTOMER SUPPORT

LeeKooLuu products are manufactured with high standards of quality and reliability. For specific warranty details regarding your purchase, please refer to the warranty card included with your product or visit the official LeeKooLuu website.

8.1. Customer Support

Should you require technical assistance, have questions about installation, or need to report a defect, please contact LeeKooLuu customer support. Have your product model and purchase date ready when contacting support.

- Online Support:** Visit the official LeeKooLuu store on Amazon for FAQs and contact options: [LeeKooLuu Amazon Store](#)
- Email Support:** Refer to your product packaging or the LeeKooLuu website for the most current email contact information.

	<p>eRapta AY7 Backup Camera System Installation Guide</p> <p>Comprehensive installation guide for the eRapta AY7 backup camera system, including monitor introduction, remote control instructions, connection diagrams, installation steps, troubleshooting, and warm tips.</p>
 <p>USER MANUAL</p>	<p>AHD 1080P/720P Car Rear View Reverse Camera User Manual & Installation Guide</p> <p>Comprehensive user manual for AHD 1080P and 720P waterproof car rear view reverse cameras. Includes setup, control line adjustments, signal troubleshooting, and installation schematic for BMW, Audi, VW, and Skoda vehicles.</p>
	<p>Google Nest Cam Technical Specifications and Copy Guide</p> <p>Comprehensive technical specifications, features, and update history for the Google Nest Cam, detailing its video, audio, connectivity, power, and environmental resistance capabilities.</p>
	<p>Rizoma PT226 License Plate Holder Installation Manual</p> <p>Comprehensive installation guide for the Rizoma PT226 License Plate Holder. Learn how to safely and correctly mount this motorcycle accessory with detailed instructions and safety warnings.</p>
	<p>Stinger STR4K Full-Screen HDR Streaming Rear-view Mirror User Guide</p> <p>User guide for the Stinger STR4K, a 9.66-inch full-screen HDR streaming rear-view mirror with dual front and rear camera recording, high-definition night vision, and parking monitoring.</p>
	<p>TEHPICCO Universal License Plate Bracket Installation Guide No-Drill Vehicle Grille Mount</p> <p>Step-by-step installation guide for the TECHPICCO universal license plate bracket. This no-drill bracket is designed for vehicle grilles, including compatibility with Ford Maverick models. Includes detailed assembly instructions and parts list.</p>